

REMARKS

Applicant respectfully requests reconsideration of the present U.S. Patent application. Claims 1-10 and 13-19 stand rejected under 35 U.S.C. § 102. Claims 17-21 stand rejected under 35 U.S.C. § 103. Claims 1, 4-6, 13 and 15-17 have been amended. No claims have been canceled or added. Therefore, by this amendment, claims 1-21 remain pending.

Interview Summary

On September 2, 2003, the Examiner and Joseph Pugh, attorney for Applicant, participated in a telephone interview regarding the above-referenced patent application. Participants discussed U.S. Patent No. 6,046,742 issued to Chari, and proposed amendments to claim 1.

Participants agreed that a MIB Manager Module in Chari may constitute a console user interface and a virtual console, but that there are other things that may also constitute a console user interface and a virtual console. Mr. Pugh proposed amending claims to distinguish a console user interface and/or virtual console disclosed in the above-referenced patent application from a console user interface and virtual console that may be disclosed in Chari.

Claim Rejections - 35 U.S.C. § 102Rejection of Claims 1-5 and 13-16 based on Chari

Claims 1-5 and 13-16 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,046,742 issued to Chari (*Chari*). For at least the reasons set forth below, Applicant submits that claims 1-5 and 13-19 are not anticipated by *Chari*.

Amended claim 1 recites the following:

using a graphical programming language to create a graphical component of a graphical user interface (GUI);
associating the graphical component with a device configuration command;
linking the associated graphical component with a console user interface (CUI)
running CUI code and configuration kernel (CK) code under the GUI to configure a
remote device according to the device configuration command; ...

Amended claim 13 is drawn to a machine-readable medium storing sequences of instructions, and recites similar limitations. A proper rejection under 35 U.S.C. § 102 requires that a single prior art reference teach each and every element of the rejected claim. See MPEP § 2131.

Chari discloses a plurality of forms that enable the modification of one or more operational parameters for components in a computer network. See Abstract. A user can change the value of a Management Information Base (MIB) variable by typing over a current value in a dialog box. See col. 14, lines 49-55. A MIB Manager Module modifies the MIB variable by retrieving MIB data from a server, or calling other modules to retrieve the data. See col. 8, lines 16-24; col. 12, lines 23-31; col. 13, lines 14-15; col. 14, lines 64-66. *Chari* does not disclose using a graphical programming language to create a graphical component of a graphical user interface (GUI), associating the graphical component with a device configuration command, and linking the associated graphical component with a console user interface (CUI) running CUI code and

configuration kernal (CK) code under the GUI, to configure a remote device according to the device configuration command. Thus, *Chari* fails to teach all of the limitations of claims 1 and 13. Consequently, *Chari* does not anticipate the invention in claims 1 and 13 for at least the reasons set forth above. Applicant therefore respectfully requests that the Examiner withdraw the rejection of claims 1 and 13 under 35 U.S.C. § 102.

Claims 2-5 depend from claim 1. Claims 14-16 depend from claim 13. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 2-5, 14-16, 20 and 21 are not anticipated by *Chari* for at least the reasons set forth above.

Rejection of Claims 6-10 based on *Takimoto*

Claims 6-10 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,041,350 issued to *Takimoto (Takimoto)*. For at least the reasons set forth below, Applicant submits that claims 6-10 are not anticipated by *Takimoto*.

Amended claim 6 recites the following:

a configuration kernal (CK) having code to configure a device from a configuration;
a console user interface (CUI) having code to update the configuration;
a graphical user interface (GUI) having code to receive an update to the configuration in response to a user action, wherein the CUI runs the CUI code and the CK code under the GUI; ...

Takimoto discloses a network management system, which includes a management information database to store managed objects, a simulated behavior execution controller (SBEC) to simulate behavior of a managed object, and a transaction controller to cause modified content that is based on the simulated behavior to be reflected in the management information database. See col. 4, lines 22-50; col. 5, lines 14-40. *Takimoto*

does not disclose a configuration kernel (CK) having code to configure a device from a configuration, a console user interface (CUI) having code to update the configuration, and a graphical user interface (GUI) having code to receive an update to the configuration in response to a user action, wherein the CUI runs the CUI code and the CK code under the GUI. Thus, *Takimoto* fails to teach all of the limitations of claim 6. Consequently, *Takimoto* does not anticipate the invention in claim 6 for at least the reasons set forth above. Applicant therefore respectfully requests that the Examiner withdraw the rejection of claim 6 under 35 U.S.C. § 102.

Claims 7-10 depend from claim 6. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 7-10 are not anticipated by *Takimoto* for at least the reasons set forth above.

Claim Rejections - 35 U.S.C. § 103

Rejection of Claims 17-21 Based on *Chari* and *Kekic*

Claims 17-21 were rejected under 35 U.S.C. § 103(a) as being unpatentable over *Chari* in view of U.S. Patent No. 5,999,179 issued to Kekic et al. (*Kekic*). For at least the reasons set forth below, Applicant submits that claims 17-21 are not rendered obvious by *Chair* in view of *Kekic*.

Amended claim 17 recites the following:

passing the updated configuration command to a console user interface that runs console user interface code and configuration kernel code under the graphical user interface; and

updating by the console user interface the state of the configuration kernel with the passed updated configuration command.

Claims 1 and 13 recite similar limitations. A proper rejection under 35 U.S.C. § 103 requires that a prior art reference, or references when combined, must teach or suggest all of the claim limitations of a rejected claim. See MPEP § 2143. As explained above, *Chari* does not disclose passing an updated configuration command to a console user interface that runs console user interface code and configuration kernal code under the graphical user interface and updating by the console user interface the state of the configuration kernal with the passed updated configuration command.

Kekic discloses a network management system that includes a visual element manager builder and a manager, where the manager monitors and manages computer network behavior, independent of any graphic user interface. See Abstract. *Kekic* does not disclose, nor does Examiner contend that *Kekic* discloses, passing an updated configuration command to a console user interface that runs console user interface code and configuration kernal code under the graphical user interface. Consequently, *Kekic* fails to cure the deficiencies of *Chari* pointed out by the Applicant. Thus, *Chari* in view of *Kekic* fails to teach or suggest all of the limitations of claims 1, 13 and 17. Therefore, claims 1, 13 and 17 is not rendered obvious by *Chari* in view of *Kekic* for at least the reasons set forth above. Applicant therefore respectfully requests that the Examiner withdraw the rejection of claims 1, 13 and 17 under 35 U.S.C. § 103.

Claims 18-19 depend from claim 17. Claim 20 depends from claim 1. Claim 21 depends from claim 13. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 18-21 are not rendered obvious by *Chari* in view of *Kekic* for at least the reasons set forth above.

Rejection of Claims 11 and 12 based on *Takimoto* and the Prior Art

Claims 11 and 12 were rejected under 35 U.S.C. § 103(a) as being unpatentable over *Takimoto* in view of admitted prior art. For at least the reasons set forth below, Applicant submits that claims 11 and 12 are not rendered obvious by *Takimoto* in view of the prior art.

As explained above, *Takimoto* fails to disclose a configuration kernel (CK) having code to configure a device from a configuration, a console user interface (CUI) having code to update the configuration, and a graphical user interface (GUI) having code to receive an update to the configuration in response to a user action, wherein the CUI runs the CUI code and the CK code under the GUI. The prior art described in Applicant's patent application does not disclose, nor does Examiner contend that the patent application discloses, a configuration kernel (CK) having code to configure a device from a configuration, a console user interface (CUI) having code to update the configuration, and a graphical user interface (GUI) having code to receive an update to the configuration in response to a user action, wherein the CUI runs the CUI code and the CK code under the GUI.

Consequently, the prior art in Applicant's patent application fails to cure the deficiencies of *Takimoto* pointed out by the Applicant. Thus, the prior art fails to cure the deficiencies of *Takimoto*. Consequently, *Takimoto* in view of the prior art fails to teach or suggest all of the limitations of claim 6. Claims 11 and 12 depend from claim 6. Because dependent claims include the limitations of the claims from which they depend, Applicant submits that claims 11 and 12 are not rendered obvious by *Takimoto* in view of the prior art for at least the reasons set forth above. Applicant therefore respectfully

requests that the Examiner withdraw the rejection of claims 11 and 12 under 35 U.S.C. § 103.

CONCLUSION

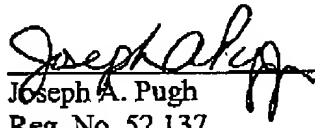
For at least the foregoing reasons, Applicant submits that the rejections have been overcome. Therefore, claims 1-21 are in condition for allowance and such action is earnestly solicited. The Examiner is respectfully requested to contact the undersigned by telephone if it is believed that such contact would further the examination of the present application.

Please charge any shortages and credit any overcharges to our Deposit Account number 02-2666.

Respectfully submitted,

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